

Substitute for form 1449/PTO

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Application Number	Not yet assigned
Filing Date	March 19, 2004
First Named Inventor	Jonathan J. Wierer, Jr.
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	LUM-03-05-01

Sheet \_\_\_\_\_ of \_\_\_\_\_

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		EP 1 385 215 A2	1-28-2004	Nichia Corp.		

Date Considered
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STATEMENT BY APPLICANT***(Use as many sheets as necessary)***Complete if Known**

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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		P.A. KOHL, "Photoelectrochemical etching of semiconductors", IBM J. Res. Develop., Vol. 42, No. 5, 5 September 1998, pp. 629-637.	
		Chen-Fu CHU et al., "Comparison of p-Side Down and p-Side Up GaN Light-Emitting Diodes Fabricated by Laser Lift-Off", Jpn. J. Appl. Phys., Vol. 42 (2003), Part 2, NO. 2B, 15 February 2003, pp. L147-L150.	
		W.S. WONG et al., "InxGa1-xN light emitting diodes on Si substrates fabricated by Pd-In metal bonding and laser lift-off", Applied Physics Letters, Vol. 77, No. 18, 30 October 2000, pp. 2822-2824.	
		H. BENISTY et al., "Impact of Planar Microcavity Effects on Light Extraction - Part I: Basic Concepts and Analytical Trends", IEEE Journal of Quantum Electronics, Vol. 34, No. 9, September 1998, pp. 1612-1631.	
		T. FUJII et al., "Increase in the extraction efficiency of GaN-based light-emitting diodes via surface roughening", Applied Physics Letters, Vol. 84, No. 6, 9 February 2004, pp. 855-857.	
		Y.-K. SONG et al., "Resonant-cavity InGaIn quantum-well blue light-emitting diodes", Applied Physics Letters, Vol. 77, No. 12, 18 September 2000, pp. 1744-1746.	
		Michael R. KRAMES et al., U.S. Application No. 10/059,588, filed January 28, 2002, entitled: "LED Efficiency Using Photonic Crystal Structure". 62 pages.	
		Jonathan J. Wierer Jr., U.S. Application No. 10/691,026 filed 10/21/03, entitled: "Photonic Crystal Light Emitting Device", 30 pages.	

Examiner Signature		Date Considered	
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